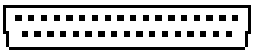
49957A Molded Cable Assemblies - D-Subminiature Assembly



For more information please call

1-800-Belden1

See Put-ups and Colors

Description:

37-position shielded D-Sub, for RS-449 applications where assembly is exposed to high noise environment, S-R PVC insulation, foil plus braid shield (super shield), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	36
Total Number of Conductors	36
Number of Pins	37
AWG	24
Stranding	7x32
Conductor Diameter	.024 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride
Nom. Insulation Wall Thickness	0.01 in.

OUTER SHIELD:

Outer Shield Trade Name	Beldfoil®
Outer Shield Type	Tape/Braid

Outer Shield Material :

Layer Number	Trade Name	Type	Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	65

Outer Shield %Coverage	100 %

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	0.045 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.480 in.

ASSEMBLY DIMENSIONAL CHARACTERISTICS:

Assembly Dimensional Length	25 ft.

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CONNECTOR CHARACTERISTICS:

FIRST END :	
Connector Characteristics - First End Connector Type	D-Sub
Connector Characteristics - First End # of Connector Contacts/positions	37
Connector Characteristics - First End Connector Gender	Male
Connector Characteristics - First End Connector Shielding Type	Metal Backshells
Connector Characteristics - First End Overmold Type	37 Position D-Sub
Connector Characteristics - First End Overmold Compound Material	PVC
Connector Characteristics - First End Overmold Color	Chrome
Connector Characteristics - First End Retention Hardware	Thumbscrew
SECOND END :	
Connector Characteristics - Second End Connector Type	D-Sub
Connector Characteristics - Second End # of Connector Contacts/positions	37
Connector Characteristics - Second End Connector Gender	Female
Connector Characteristics - Second End Connector Shielding Type	Metal Backshells
Connector Characteristics - Second End Overmold Type	37 Position D-Sub
Connector Characteristics - Second End Overmold Compound Material	PVC
Connector Characteristics - Second End Overmold Color	Chrome
Connector Characteristics - Second End Retention Hardware	Thumbscrew
Wiring	Point to Point. Pin #1 on End 1 to Pin #1 on End 2, Pin #2 to Pin #2, etc. Cable Shield Connected to Connector Shell and Pin #1.

MECHANICAL CHARACTERISTICS:

UL Temperature Rating	80°C (UL AWM Style 2464)

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

NEC/(UL) Specification	CM (cable only)
AWM Specification	UL Style 2464 (300 V 80°C) (cable only)

APPLICABLE STANDARDS:

EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

PLENUM/NON-PLENUM:

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Plenum (Y/N)	N

ELECTRICAL CHARACTERISTICS:

Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)

NOTES:

Notes	Molded handles are 100% shielded to guard against EMI/RFI and assist in FCC compliance. All connectors tin-plated and male connectors have detents to allow for a positive shield to ground connection.
Notes (cont'd)	Wiring is point-to-point with the shield to connector shell and pin #1. Jack screw retention on both connectors.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
49957A 060S2	37 POS SHD D-SUB 8348	S2	7.66	CHROME	

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